

TO: Theodore F. Lewis, Jr., Executive Director
FROM: Richard W. Johnson, Jr., Superintendent, Safety Coordinator, N.J.D.E.P. C-3 Licensed Operator
RE: ESA Monthly Maintenance Department Report for October 2016
CC: ESA Board of Directors, John Mc Kelvey, P.E., T&M Associates

1. Daily poll status sessions of the Verbatim SCADA system at the Laurel Gardens, Lewis Street, Industrial Way, Crystal Inn, Circle, Country Club, Eaton Crest and Maxwell Road pumping stations.
2. On Mondays and Thursdays, perform pumping station operations check & wetwell basket cleaning.
3. Weekly recordings of the sanitary sewer flow meter readings at the Industrial Way & Lewis Street pumping stations. Record the ESA rain gauge for the study program.
4. Monthly recordings for the on-site diesel & natural gas generator program per the N.J.D.E.P.
5. Monthly recordings of the non-human moving wetwell crane inspections per the P.E.O.S.H.A.
6. Conducted In-House monthly fire extinguisher inspections.
7. Total and chart the sanitary sewer & rainfall study program for the month of October.
8. Borough of Eatontown GIS Mapping & ESA As-built Plans; worked on marking up the Borough of Eatontown GIS map with the ESA As-built PS's, FM's, manholes & mainlines.
9. Eaton Crest Pumping Station; Charlie Hopkins of T&M Associates and Richard Johnson met to check the settings of the Cummings Generator Transfer Switch. Charlie changed the Utility Under-Voltage Dropout from 85% to 80%.
10. T.R.W.R.A. Pumping Station #13 on Fairview Avenue in Little Silver; emergency assistance for the pumping station not pumping. Assisted with the ESA Vac-Con Truck #34 to vacuum a manhole at the pump station and then discharge to a near-by downstream manhole.
11. Pumping Stations; renewed the Annual ESA Confined Space Entry Permits for the pumping stations with dry-well cans.
12. New ESA Truck #31; 500 mile break-in period, installed new engine oil and an oil filter.
13. New ESA Truck #31; Keith Torsi of Virtual F/X measured the vehicle doors and installed ESA lettering.
14. Pumping Stations; installed new back-up batteries in the Raco Scada & Dialog Plus auto-dialing alarm systems.
15. ESA Portable Godwin By-Pass Pump; Brian of Xylem installed and updated the new software for the prime guard update for Yanmar engines.
16. Monmouth County Hazardous Waste Facility, Wyckoff Road, Tinton Falls; disposed of 240 lbs. of old batteries from the ESA pumping station generators, alarms and cordless drills.
17. Arora & Associates, P.C. 1200 Lenox Drive, Suite 200, Lawrenceville, NJ 08648; N.J.D.O.T. Project, UECA-10-Route #35 Restoration. Marked their plans for the ESA manhole locations and identification.

18. Laurel Gardens, Old Orchard, Old Deal Road, Industrial Way, Circle, Eaton Crest, Country Club and Wampum Park Pumping Stations; vacuumed the wetwells and cleaned the pump control floats.
19. JAJ-600 Jet-A-Way Easement Machine; installed 300' of the new ¾" jet hose on the reel.
20. Wampum Park, Lewis Street, Brookwood and Old Orchard Pumping Stations; sprayed Ortho Ground Clear herbicide for weed control.
21. N.J.U.A. Safety Committee Meeting; Richard Johnson attended the Local Ethics Law classes by the J.A. Montgomery Risk Control.
22. Wampum Park Pumping Station; Verizon repaired the phone line at the utility pole for the Dialog Alarm.
23. Circle Pumping Station – ESA HACH FL902 Logger; Ben Caviglia and Richard Johnson met at the Maintenance Garage to review and analyze the Flow vs. Rainfall recordings for the month of October.
24. Pumping Stations; updated the annual drywell confined space permits.
25. Eaton Crest Pumping Station; Dave of Municipal Maintenance diagnosed the Cummins Generator Transfer Switch to have burnt contacts on leg #1. Dave has ordered a new contact kit. ESA installed Lock-Out / Tag-Out for the out of service transfer switch under repair by Municipal Maintenance.
26. Circle Pumping Station; Pilot Electric evaluated the Flygt pumps for low pumping issues. Pilot crew determined the impellers are worn-out and the pumps are not rebuildable. These pumps were installed in 2004. Working on getting three price quotes for replacement.
27. Brookwood, Old Orchard, Eaton Crest & Wampum Park Pumping Stations; Mike Cherry of Municipal Maintenance installed the SymCom Motor Savers 460.
28. (4) - Complaint Memorandums:
 - a. 2016 ESA Report #64 on 10/4/16 @ 10:40 am – 20 Birch Lane
 - b. 2016 ESA Report #65 on 10/4/16 @ 10:47 am – Station #12, Little Silver, T.R.W.R.A.
 - c. 2016 ESA Report #66 on 10/8/16 @ 7:54 pm – Circle Pumping Station
 - d. 2016 ESA Report #67 on 10/22/16 @ 1:56 pm – Eaton Crest Pumping Station
29. Fuel:
 - a. Truck #30 – (54) Gals of gasoline
 - b. Truck #31 – (74) Gals of gasoline
 - c. TV Van #32 – (0) Gals of diesel
 - d. Trailer Storage Tank – (0) Gals of diesel / Kubota Backhoe #33 / P.S. Diesel Generators
 - e. Vac-Con Truck #34 – (46) Gals of diesel
30. (80) - New Jersey One Call Markouts.